

WHAT IS CLAIMED IS:

1. A device for the production of tubular bags filled with bulk goods from a continuous foil tube moving in a run direction comprising:

a pair of sealing tools that seal the foil tube in bag-length intervals;

a pair of closing bars provided for the tools and directly clamped to the sealing tools, each closing bar biased toward the other closing bar for pressing the foil tube before the sealing tools are closed;

a stripper, which can touch the foil tube, through which the residue of the bulk goods can be removed from the area of the seal by a wiping motion effective in the run direction;

wherein the closing bars are connected to the stripper so that through a closing movement of the closing bars, the stripper is pulled along in the run direction while touching the foil before the sealing tools close.

2. The device of claim 1, wherein the closing bars are connected to support bars which pass through clamps positioned on the sealing tools and wherein each support bar is loaded against the closing movement of the sealing tools by a return spring.

3. The device of claim 2, wherein the stripper is connected to the sealing tools so that the stripper is pulled by the movement of the support bars against the force of the springs in a swinging movement while touching the foil, out of the area where the sealing tools touch the foil.

4. The device of claim 3, wherein through the swinging movement the stripper covers a distance at least three times greater than the distance moved by the support bars.

5. The device of claim 3, wherein the movement of the support bar is mechanically transmitted to the stripper by a positioner attached to the sealing tool.

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6. The device of claim 5, wherein the positioner comprises a tracer pin and the support bar has a slanted surface positioned to contact an end of the tracer pin.

7. A device for the production of tubular bags filled with bulk goods from a continuous foil tube moving through the device comprising:

a pair of moveable sealing tools positioned on opposite sides of the foil tube, the sealing tools configured to come together to seal the tube, each sealing tool including

a closing bar biased toward the closing bar on the opposing sealing tool and adapted to move with the sealing tool to contact the tube;

a sealing jaw positioned opposite the sealing jaw on the opposing sealing tool so that when the sealing tools come together the sealing jaws contact the tube to thereby seal the tube; and

a stripper located downstream from the closing bar in the direction of movement of the foil tube and being configured to move along the tube in the direction the tube is moving to strip the bulk goods away from the area of the tube to be sealed at the same time that the sealing jaw is moving toward the tube.

8. The device of claim 7, wherein the closing bars move in a direction generally perpendicular to the direction of movement of the tube.

9. The device of claim 7, wherein the closing bars are biased toward each other by a spring.

10. The device of claim 7, wherein each sealing tool further comprises a support bar connected to the closing bar and aligned in the direction of movement of the closing bar.

11. The device of claim 10, wherein the support bar is configured to move in a direction generally perpendicular to the movement of the tube against the bias on the closing tube.
12. The device of claim 7, wherein the stripper comprises a stripper bar.
13. The device of claim 12, wherein the stripper bar is connected to the closing bar so that movement of the closing bar causes movement of the stripper bar along the tube in the direction the tube is moving.
14. The device of claim 11, wherein each sealing tool further comprises a moveable tracer pin operatively connected to the support bar and the stripper so that when the support bar moves the motion of the support bar is transferred to the stripper through the pin.
15. The device of claim 14, wherein the end of the support bar adjacent the pin comprises a tapered surface so that as the end of the support bar moves away from the tube the tapered surface slides along an end of the pin to thereby force the pin to move in a longitudinal direction.
16. The device of claim 15, wherein the pin is positioned between the support bar and the stripper so that when the pin is forced to move in the longitudinal direction by the support bar the other end of the pin contacts the stripper to cause the stripper to move along the surface of the foil away from the sealing jaws and the area of the foil to be sealed.
17. The device of claim 11, wherein the stripper comprises a stripper bar.
18. The device of claim 17, wherein the stripper bar is connected to a mechanical linkage pivotally mounted to the sealing tool.

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19. The device of claim 18, wherein the sealing tool further comprises a tracer pin positioned between the support bar and the mechanical linkage so that linear movement of the support bar is translated to swinging movement of the mechanical linkage.